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AUG 14 2001  
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PATENT & TRADEMARK OFFICE

UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/840,011	04/20/2001	Christopher Barron	133031-0003

### CONFIRMATION NO. 3074

24267  
CESARI AND MCKENNA, LLP  
88 BLACK FALCON AVENUE  
BOSTON, MA 02210

### FORMALITIES LETTER



\*OC000000006232980\*

Date Mailed: 06/27/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

### FILED UNDER 37 CFR 1.53(b)

#### *Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 355 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).* 08/16/2001 SZEWDIE1 00000071 09840011
- Total additional claim fee(s) for this application is \$166.
 

■ \$126 for 14 total claims over 20.	01 FC:201	355.00 OP
■ \$40 for 1 independent claims over 3 .	02 FC:202	40.00 OP
	03 FC:203	126.00 OP
	04 FC:205	65.00 OP
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 586.**

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. ( 5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

*FG*

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Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

00000000000000000000000000000000



PATENTS  
133031-0003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re The Application of: )  
Christopher Barron )  
Serial No.: 09/840,011 )  
Filed: April 20, 2001 )  
For: APPARATUS AND METHOD FOR )  
BALANCED CHARGING OF A )  
MULTIPLE-CELL BATTERY )  
PACK )  
Examiner: Not Yet Assigned  
Art Unit: 2838  
Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
August 14, 2001

“Express Mail” Mailing-Label Number: EL 736448259 US

Honorable Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

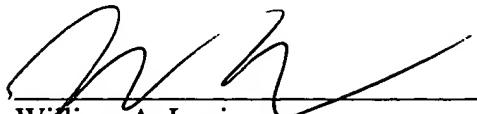
**RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION**

Enclosed in response to the Notice to File Missing Parts of Application-Filing Date Granted mailed June 27, 2001, is a Declaration for Patent Application executed by the inventors, along with a check for \$586.00 to cover the filing fee and surcharge for this Response. The above-referenced application filed in the Patent and Trademark Office is the application that the inventors executed by signing the enclosed Declaration.

PATENTS  
133031-0003

Please charge any additional fee occasioned by this paper to our Deposit Account  
No. 03-1237.

Respectfully submitted,



William A. Loginov  
Reg. No. 34,863  
CESARI AND MCKENNA, LLP  
88 Black Falcon Avenue  
Boston, MA 02210-2414  
(617) 951-2500



PATENTS  
133031-0003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of: )  
Christopher Barron )  
Serial No.: 09/840,011 )  
Filed: April 20, 2001 )  
For: APPARATUS AND METHOD FOR )  
BALANCED CHARGING OF A )  
MULTIPLE-CELL BATTERY )  
PACK )  
Examiner: Not Yet Assigned  
Art Unit: 2838  
Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
August 24, 2001

**EXPRESS-MAIL DEPOSIT**

“Express Mail” Mailing-Label Number: EL 736448205 US

The following papers are being deposited with the United States Postal Service  
"Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10:

X Formal Drawings ( 7 sheets )  
X Copies of Formalities Letter

X Letter to Official Draftsman  
X Supplemental Response to Notice of  
Missing Parts with Copies of Papers filed  
8/14/01

X Return Receipt Postcard



08/5-01

#A

*Section \$*  
PATENTS  
133031-0003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of: )  
Christopher Barron )  
Serial No.: 09/840,011 )  
Filed: April 20, 2001 )  
For: APPARATUS AND METHOD FOR )  
BALANCED CHARGING OF A )  
MULTIPLE-CELL BATTERY )  
PACK )

Examiner: Not Yet Assigned

Art Unit: 2838

Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
August 14, 2001

**EXPRESS-MAIL DEPOSIT**

“Express Mail” Mailing-Label Number: EL 736448259 US

The following papers are being deposited with the United States Postal Service  
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

Declaration and Power of Attorney  
 Assignment With Recordation Form  
Cover Sheet  
 Formalities Letter  
 Check in the amount of \$626.00

Fee Transmittal Letter  
 Response to Notice to File Missing  
Parts of Nonprovisional Application  
 Return Receipt Postcard

AUG 14 2001

## FEE TRANSMITTAL

Fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments **must** be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$ 626)

Complete If Known	
Application Number	09/840,011
Filing Date	April 20, 2001
First Named Inventor	Christopher Barron
Examiner Name	Not Yet Assigned
Group / Art Unit	2838
Attorney Docket No.	133031-0003

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit

Account Number

03-1237

Deposit

Account Name

Cesari and McKenna, LLP

Charge Any Additional Fee  Charge the Issue Fee Set in  
Required Under 37 C.F.R. §§1.18 at the Mailing of  
37 C.F.R. §§1.16 and 1.17 the Notice of Allowance

2.  Payment Enclosed:

Check  Money  Other  
Order

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	710	201	35	Utility filing fee	355
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)				355	

## 2. EXTRA CLAIM FEES

Total Claims	34	-	20**	=	14	x	9	=	126
Independent Claims	4	-	3**	=	1	x	40	=	40
Multiple Dependent				=				=	0

\*\*or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim, if not paid
109	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)				166

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code (\$)	Fee (\$)
105	130	205	65 Fee Surcharge - late filing fee or oath
127	50	227	25 Surcharge - late provisional filing fee or cover sheet
139	130	139	130 Non-English Specification
147	2,520	147	2,520 For filing a request for reexamination
112	920	112	920* Requesting publication of SIR prior to Examiner action
113	1,840	113	1,840* Requesting publication of SIR after Examiner action
115	110	215	55 Extension for reply within first month
116	390	216	195 Extension for reply within second month
117	890	217	445 Extension for reply within third month
118	1,390	218	695 Extension for reply within fourth month
128	1,890	128	945 Extension for reply within fifth month
119	310	219	155 Notice of Appeal
120	310	220	155 Filing a brief in support of an appeal
121	270	221	135 Request for oral hearing
138	1,510	138	1,510 Petition to institute a public use proceeding
140	110	240	55 Petition to revive - unavoidable
141	1,240	241	620 Petition to revive - unintentional
142	1,240	242	620 Utility Issue fee (or reissue)
143	440	243	220 Design Issue fee
144	600	244	300 Plant Issue fee
122	130	122	130 Petitions to the Commissioner
123	50	123	50 Petitions related to provisional applications
126	240	126	240 Submission of Information Disclosure Stmt
581	40	581	40 Recording each patent assignment per property (times number of properties)
146	710	246	355 Filing a submission after final rejection (37 CFR 1.129(a))
149	710	249	355 For each additional invention to be examined (37 CFR 1.129(b))
Other (specify)			
Other fee (specify)			
SUBTOTAL (3) (\$)			
105			

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

## Complete (if applicable)

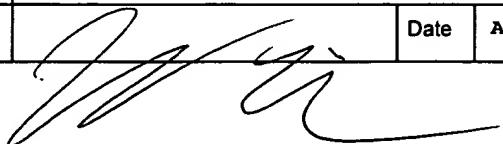
Typed or  
Printed Name

William A. Loginov

Reg. Number

34,863

Signature



Date

August 14, 2001

Deposit Account User ID